

NAUTICAL KIT

FLEXIBLE PHOTOVOLTAIC PANELS



SCIENCES, HOME, VIRTUE AND SEA ALLOW MAN TO ADVANCE

So says an old proverb of sailors. And the aim of our work in nautical sector is precisely to allow to the boating experience to advance, enhancing the virtue that is knowledge, technology, and applying it to the scope of the ancient, fascinating relationship between man and sea. The applications of flexible photovoltaic WKE World Key Energy panels to boating and nautical sector are the perfect combination between nature and culture: flexible, lightweight, functional, highly efficient and easy to install, our panels withstand the rigors of the marine environment, thus allowing you to live the 'overwhelming experience of the sea in freedom and autonomy. The only thing you will have will be sea itself.

Characteristics

More energy each day

thanks to the use of low metallization cells which allow a better efficiency of the panel in diffused light conditions

Flexible

adapt to all surfaces, even curves

Microcracking managing

thanks to intercontacts Day4 technology

Light & thin

1/8 weight than classical glass panels, just 1.5 mm thin

Walk on panels

possibility of walking on panels thanks to the use of high resiliency techno-polymers

Easy to be integrated

can be installed through eyelets (zip-tenax)

Made in Italy



Stainless steel
EYELETS
INCLUDED

NAUTICAL KITS COMPREHEND:

1 MONOCRYSTALLINE PANEL (WKE 95, 85, 75L/Q)



The specific technology of contactation - combined with fotovoltaic Full Square high efficiency cells - gives these panels the highest output in the world. WKE solar PV flexible panels are particularly suitable for boats and marine applications.

Electrical characteristics	WKE 95	WKE 85	WKE 75L	WKE 75Q
V P _{MAX} (V)	11,60	10,44	9,28	9,28
I P _{MAX} (A)	8,25	8,16	8,16	8,16
P _{MAX} (Watt)	95,64	85,19	75,72	75,72
V _{CA} (V)	13,00	11,70	10,40	10,40
I _{CC} (I)	8,54	8,45	8,45	8,45
EFFICIENCY %	16,22	15,91	15,74	15,70

Dimensions	WKE 95	WKE 85	WKE 75L	WKE 75Q
H (mm)	890	1530	1375	730
L (mm)	680	360	360	680
S (mm)	1,5	1,5	1,5	1,5
WEIGHT (Kg)	1,45	1,34	1,21	1,21

W MARINE 10 CHARGE REGULATOR



The W Marine 10 is a solar charge controller with "MPPT buck-boost" technology. That technology can drive panels with a rated voltage above or below that of battery optimizing the charge. A technology that makes easy every installation in all types of marine applications.



CONNECTORS AND CABLES (4 M) KIT

Useful to connect the panel with the charge regulator.



FIXING OPTIONS

Structural bi-adhesive

Stainless steel eyelets

Tenax

Zip